

*Section #3*  
ATTN: BOX MISSING PARTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Kaname MIWA, Katsuhiko HORII and Hideaki YAGI

Serial No.: 09/313,184

Filed: May 18, 1999

For: SENSOR ELEMENT AND GAS SENSOR



**SUBMISSION OF EXECUTED DECLARATION  
AND REQUISITE FEES**

**BOX MISSING PARTS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Application-Filing Date Granted", mailed June 11, 1999, submitted herewith is the Declaration for the above-mentioned application properly executed by the inventor(s) along with the requisite filing fees. Also enclosed please find a Submission of Priority Document, one (1) priority document, a Submission of Formal Drawings, twelve (12) sheets of drawings, Information Disclosure Statement and PTO Form 1449 with references, an executed Assignment and PTO Form 1595.

Checks for the statutory fee of \$968.00 and Assignment recordation fee of \$40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

The Office is invited to contact Sughrue, Mion, Zinn, Macpeak & Seas, PLLC on any question which might arise on the above-named application. Any contact that the Office might need to make should be directed to Abraham J. Rosner, Registration No. 33,276, at (202)293-7060.

Respectfully submitted,

*Waddell A. Biggart*  
Waddell A. Biggart  
Registration No. 24,861

SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3202  
Tel: (202) 293-7060  
WAB:tnj  
Date: August 11, 1999



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/313,184 05/18/99 MIWA

K Q54404

0232/0611  
SUGHRUE MION ZINN MACPEAK & SEAS PLLC  
2100 PENNSYLVANIA AVENUE N W  
WASHINGTON DC 20037-3202

NOT ASSIGNED

1741

DATE MAILED:

06/11/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 768.00.

☒ 1. The statutory basic filing fee is:

- ☒ missing.  
☐ insufficient.

Applicant must submit \$ 760.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☒ 2. The following additional claims fees are due: 78.00

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$ 78.00 for 1 independent claims over 3.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☐ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

W Meredith  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

08/12/1999 TL0011 00000044 090313184

760.00 OP  
78.00 OP  
130.00 OP

08/12/1999 TL0011

02 F:101  
03 F:102  
04 F:105

SAH  
#4  
10-14-99

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Kaname MIWA, Katsuhiko HORII and Hideaki YAGI

Serial No.: 09/313,184

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For: SENSOR ELEMENT AND GAS SENSOR



**SUBMISSION OF FORMAL DRAWINGS**


**ATTENTION: OFFICIAL DRAFTSPERSON**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith please find **twelve (12)** sheet(s) of formal drawings. The Office is respectfully requested to acknowledge receipt of these formal drawings.

Respectfully submitted,

  
Waddell A. Biggart  
Registration No. 24,861

SUGHRUE, MION, ZINN, MACPEAK & SEAS  
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